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## **Amendments to the Claims:**

This listing of claims as required by 37 C.F.R. 1.121 will replace all prior versions and listing of claims in the application.

## 1-11. (Cancelled)

12. (Original) An immunostimulatory oligonucleotide compound comprising a sequence of formula (*III*):

$$5'-Um.....U1-X1-X2-Y-Z-X3-X4-D1......Dm-3'$$
 (III)

wherein:

Y is a non-natural pyrimidine nucleoside;

Z is guanosine, 2'-deoxy-guanosine or a non-natural purine nucleoside; each X independently is a naturally occurring nucleoside or an immunostimulatory moiety;

wherein Um-U1 represents an upstream potentiation domain, where each U independently is a naturally occurring nucleoside or an immunostimulatory moiety;

wherein D1-Dm represents a downstream potentiation domain, where each D independently is a naturally occurring nucleoside or an immunostimulatory moiety; and

*m*, at each occurrence, represents a number from 0 to 30.

13. (Original) The immunostimulatory oligonucleotide compound of claim 12, wherein at least one X, U, or D is an immunostimulatory moiety.

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14. (Original) The immunostimulatory oligonucleotide compound of claim 13, wherein:

X1 is a naturally occurring nucleoside or an immunostimulatory moiety selected from the group consisting of C3-alkyl linker, 2-aminobutyl-1,3-propanediol linker, and  $\beta$ -L-deoxynucleoside;

X2 is a naturally occurring nucleoside or an immunostimulatory moiety that is an amino linker;

X3 is a naturally occurring nucleoside an immunostimulatory moiety that is a nucleoside methylphosphonate;

X4 is a naturally occurring nucleoside an immunostimulatory moiety selected from the group consisting of nucleoside methylphosphonate and 2'-O-methyl-ribonucleoside;

U1 is a naturally occurring nucleoside an immunostimulatory moiety selected from the group consisting of 1',2'-dideoxyribose, C3-linker, and 2'-O-methyl-ribonucleoside;

U2 is a naturally occurring nucleoside an immunostimulatory moiety selected from the group consisting of 1',2'-dideoxyribose, C3-linker, Spacer 18, 3'-deoxynucleoside, nucleoside methylphosphonate,  $\beta$ -L-deoxynucleoside, and 2'-O-propargylribonucleoside;

U3 is a naturally occurring nucleoside an immunostimulatory moiety selected from the group consisting of 1',2'-dideoxyribose, C3-linker, Spacer 9, Spacer 18, nucleoside methylphosphonate, and 2'-5' linkage;

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D1 is a naturally occurring nucleoside an immunostimulatory moiety selected from the group consisting of 1',2'-dideoxyribose and nucleoside methylphosphonate;

D2 is a naturally occurring nucleoside an immunostimulatory moiety selected from the group consisting of 1',2'-dideoxyribose, C3-linker, Spacer 9, Spacer 18, 2-aminobutyl-1,3-propanediol linker, nucleoside methylphosphonate, and β-L-deoxynucleoside; and

D3 is a naturally occurring nucleoside an immunostimulatory moiety selected from the group consisting of 3'-deoxynucleoside, 2'-O-propargylribonucleoside; and 2'-5' linkage.

- 15. (Original) The immunostimulatory oligonucleotide compound of claim 13, wherein U2 and U3 are both the same immunostimulatory moiety selected from the group consisting of 1',2'-didoxyribose, C3-linker, or β-L-deoxynucleoside.
- 16. (Original) The immunostimulatory oligonucleotide compound of claim 13, wherein U3 and U4 are both the same immunostimulatory moiety selected from the group consisting of nucleoside methylphosphonate and 2'-O-methoxyethylribonucleoside.
- 17. (Original) The immunostimulatory oligonucleotide compound of claim 13, wherein U5 and U6 are both the same immunostimulatory moiety selected from the group consisting of 1',2'-dideoxyribose and C3-linker.
- 18. (Original) The immunostimulatory oligonucleotide compound of claim 13, wherein X1 and U3 are both 1',2'-dideoxyribose.

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19. (Original) The immunostimulatory oligonucleotide compound of claim 13, wherein D2 and D3 are both the same immunostimulatory moiety selected from the group consisting of 1',2'-dideoxyribose and β-L-deoxynucleoside.

20-38. (Cancelled)